PALLENT COOPERATION TREAT

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)
21 May 2001 (21.05.01)

in its capacity as elected Office
Applicant's or agent's file reference

EAL-P/5983.GBP

International application No. PCT/GB00/03333

International filing date (day/month/year) 31 August 2000 (31.08.00)

Priority date (day/month/year)
03 September 1999 (03.09.99)

Applicant

HORSFALL, Paul, Andrew

1.	The designated Office is hereby notified of its election made:
	X in the demand filed with the International Preliminary Examining Authority on: 02 April 2001 (02.04.01)
	in a notice effecting later election filed with the International Bureau on:
2	The election X was was not was not made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Olivia TEFY

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35



(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification	of Transmittal of International Search Report
EAL-P/5983.GBP	ACTION	220) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 00/03333	31/08/2000	03/09/1999
Applicant		
WEIGHWELL ENGINEERING LTD.	o+ al	
THE STATE ST	et ar.	
This International Search Report has been according to Article 18. A copy is being trans	prepared by this International Searching Authors in the International Bureau.	nority and is transmitted to the applicant
This International Search Report consists of X It is also accompanied by a	of a total of <u>5</u> sheets. a copy of each prior art document cited in this	report.
1. Basis of the report		
 With regard to the language, the in language in which it was filed, unlest 	iternational search was carried out on the bas ss otherwise indicated under this item.	is of the international application in the
the international search wa Authority (Rule 23.1(b)).	s carried out on the basis of a translation of th	ne international application furnished to this
mad darried out on the basis of the	sequence listing :	ternational application, the international search
	al application in written form. national application in computer readable form	
furnished subsequently to the		ı.
	nis Authority in computer readble form.	
the statement that the substinternational application as	equently furnished written sequence listing do filed has been furnished.	es not go beyond the disclosure in the
		identical to the written sequence listing has been
2. X Certain claims were found	unsearchable (See Box I).	
3. Unity of invention is lacking	ng (see Box II).	
4. With regard to the title,		
the text is approved as subn	nitted by the applicant.	
	d by this Authority to read as follows:	
PORTABLE LOAD INDICATING	G DEVICE FOR A RAIL VEHICLE	
5. With regard to the abstract,		
the text is approved as submode the text has been established within one month from the data.	ntted by the applicant. d, according to Rule 38.2(b), by this Authority ate of mailing of this international search repo	as it appears in Box III. The applicant may, rt, submit comments to this Authority.
6. The figure of the drawings to be published		1
as suggested by the applicar		None of the figures.
because the applicant failed		
because this figure better cha	aracterizes the invention.	

rnational application No.

PCT/GB 00/03333

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The apparatus comprises two somewhat convex shoes (10) clampable along the adjacent sides of a pair of rails (16) for engagement by the peripheries of wheel flanges so that the wheels are raised just clear of the rails, a load-sensing device(46) at the highest portion of each shoe, and load-indicating means connected to the devices. The apparatus is sectional, the shoes being urged apart into rigidly clamped positions by two struts (22) separable from the shoes to facilitate portability. Two spaced-apart support members (36) are secured to each shoe to embrace its outer and lower faces, each support member being vertically adjustable relative to the shoe to suit different heights of rails. The shoes have replaceable wear-strips (70).



emational application No. PCT/GB 00/03333

Box I O	bservations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Interna	ational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	laims Nos.: ecause they relate to subject matter not required to be searched by this Authority, namely:
be an	laims Nos.: 12 ecause they relate to parts of the International Application that do not comply with the prescribed requirements to such a extent that no meaningful International Search can be carried out, specifically: ee FURTHER INFORMATION sheet PCT/ISA/210
be	aims Nos.: ecause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II O	bservations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Interna	ntional Searching Authority found multiple inventions in this international application, as follows:
1. As sea	all required additional search fees were timely paid by the applicant, this International Search Report covers all archable claims.
2. As of a	all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment any additional fee.
3. As cov	only some of the required additional search fees were timely paid by the applicant, this International Search Report vers only those claims for which fees were paid, specifically claims Nos.:
4. No rest	required additional search fees were timely paid by the applicant. Consequently, this International Search Report is tricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on I	Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

International Application No. PCTGB 00 03333

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 12

Claim 12 is unacceptable according to PCT Rule 6.2 (a) and PCT article 6

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.



tional Application No PCT/GB 00/03333

A. CLASSIFI	CATION	OF SUBJECT	MATTER
TPC 7	G016	19/04	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\label{lower model} \begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G01G} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 315 559 A (WEIGHWELL ENG LTD) 4 February 1998 (1998-02-04) cited in the application the whole document	1-11
Α	US 3 714 997 A (AHL N ET AL) 6 February 1973 (1973-02-06) abstract; figure 1A	1
Α	GB 358 305 A (H.BROSCOMBE ET AL.) 20 July 1931 (1931-07-20) page 3, line 62 - line 80; figure 1	1
Α	GB 1 463 958 A (TOKYO SHIBAURA ELECTRIC CO) 9 February 1977 (1977-02-09) page 1, line 36 - line 49; figures 4,5	1
	-/	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date C* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
Date of the actual completion of the international search	Date of mailing of the international search report		
30 November 2000	1 8. 12. 2000		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,	Authorized officer Ganci, P		
Fax: (+31-70) 340-3016	dairci, i		

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A "INTELLIGENT IN-MOTION WEIGHING OF RAIL CARS" STEEL TIMES - INCORPORATING IRON & STEEL, GB, FUEL & METALLURGICAL JOURNALS LTD. LONDON, vol. 218, no. 10, 1 October 1990 (1990–10–01), page 568 XP000169044 ISSN: 0039–095X the whole document
CARS" STEEL TIMES - INCORPORATING IRON & STEEL,GB,FUEL & METALLURGICAL JOURNALS LTD. LONDON, vol. 218, no. 10, 1 October 1990 (1990-10-01), page 568 XP000169044 ISSN: 0039-095X

2

Information on patent family members

PCT/GB 00/03333

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2315559 A	04-02-1998	NONE	
US 3714997 A	06-02-1973	SE 357439 B AU 451331 B AU 3327871 A CA 920621 A CH 534344 A DE 2147098 A FI 56280 B FR 2107836 A GB 1368115 A IT 939833 B JP 52013102 B NL 7112932 A NO 130374 B	25-06-1973 01-08-1974 15-03-1973 06-02-1973 28-02-1973 23-03-1972 31-08-1979 12-05-1972 25-09-1974 10-02-1973 12-04-1977 23-03-1972 19-08-1974
GB 358305 A		NONE	
GB 1463958 A	09-02-1977	NONE	

emational Application No

A. FIELDS SEARCHED distintum documentation searched (classification system followed by classification symbols) IPC 7 G01G Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO—Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X GB 2 315 559 A (WEIGHWELL ENG LTD) 4 February 1998 (1998–02–04) cited in the application the whole document				PCT/GB 00/	03333
A RELIDS SEARCHED For 7 GOTG Commentation searched cleasuification eyelent followed by classification symbols) FOR 7 GOTG Commentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic datable sees consulted during the International search (name of datablesses and, where practical, search terms used) EPO—Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Catagory* Citation of documents, with indication, where appropriate, of the relevant passages Relevant to claim No. X GB 2 315 559 A (WEIGHWELL ENG LTD) 4 February 1998 (1998–02–04) cited in the application the whole document A US 3 714 997 A (AHL N ET AL) 6 February 1973 (1973–02–06) abstract; figure 1A A GB 358 305 A (H.BROSCOMBE ET AL.) 20 July 1931 (1931–07–20) page 3, line 62 – line 80; figure 1 A GB 1 463 958 A (TOKYO SHIBAURA ELECTRIC CO) 9 February 1977 (1977–02–09) page 1, line 36 – line 49; figures 4,5 —/ X Further documents are listed in the continuation of box C. X Patert family members are listed in an original data or plantly claiming) or other special masser (is specified) Comment of defining the general state of the and which is not related to comment the published on or of the the international filing data or plantly desired or of the related for and which is not related to comment the published on or of the the international filing data or plantly desired or of the related for the international filing data to the international filing data but also or the process of the stand document or other special masser (is specified) Comment of the printly data call indicated point or the international filing data but in the international filing data but in the other process of the printly data call indicated point or the international filing data but in the filing data but in the filing data but in the international filing data but in the filing data but	A CLASSIFI IPC 7	GOIGI9/04			
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Patent family members are listed in the continuation of box C. Patent family members are listed in three optional for page 1, 1 inte 36 - 1 inte 49; figures 4,5	B. FIELDS S	SEARCHED			
Electronic data base consulted during the international search (name of data base and, where predical, search terms used) EPO—Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Catagory* Classon of document, with indication, where appropriate, of the relevant passanges Relevant to claim No. X GB 2 315 559 A (WEIGHWELL ENG LTD) 4 February 1998 (1998—02—04) cited in the application the whole document A US 3 714 997 A (AHL N ET AL) 6 February 1973 (1973—02—06) abstract; figure 1A A GB 358 305 A (H.BROSCOMBE ET AL.) 20 July 1931 (1931—07—20) page 3, line 62 — line 80; figure 1 GB 1 463 958 A (TOKYO SHIBAURA ELECTRIC CO) 9 February 1977 (1977—02—09) page 1, line 36 — line 49; figures 4,5 —/— X Further documents are listed in the continuation of box C. X Peters family members are listed in annex. **Comment data designate of cited obcuments: **Comment does not be of perioder reterence **Comment does not be of perioder reterence **Comment does not be of perioder reterence **Comment does not claimed **Comment application or other special reason (see specified) **Comment application or other special reason (see sp	Minimum doo IPC 7	cumentation searched (classification system followed by classific GO1G			
C. DOCUMENTS CONSIDERED TO BE RELEVANT Catagory* Citation of document, with indication, where appropriate of the relevant passages Relevant to claim No. X GB 2 315 559 A (MEIGHWELL ENG LTD) 4 February 1998 (1998–02–04) cited in the application the whole document A US 3 714 997 A (AHL N ET AL) 6 February 1973 (1973–02–06) abstract; figure 1A A GB 358 305 A (H. BROSCOMBE ET AL.) 20 July 1931 (1931–07–20) page 3, line 62 – line 80; figure 1 A GB 1 463 958 A (TOKYO SHIBAURA ELECTRIC CO) 9 February 1977 (1977–02–09) page 1, line 36 – line 49; figures 4,5 —/— X Patent tamily members are listed in the continuation of the decision of other pecial reason (as specified) "Y document defining the general state of the art which is not considered to be of particular relevance "E" ender documents are listed on the art which is not considered to be of particular relevance "E" cardier document bar published or or offer the international fling data or plontly date and not an conflict with the application for the vertical action or other special reason (as specified) "Y document defining the general state of the art which is not considered to be of particular relevance "E" cardier documents are published after the international fling data or vertical to exceed the publication date of another claim of the considered to exceed the publication date of another claim of the considered of the same planet of the cardinal search 30 November 2000 Name and mailing address of the ISA European Patient Citics, P.B. 5018 Patentiana 2 Til. (4-31-70) 346-2404, T.E. 31 951 epo nt,	Documentati	ion searched other than minimum documentation to the extent th	at such documents are inc	ducted in the fields sea	arched
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim Mo. X GB 2 315 559 A (WEIGHWELL ENG LTD) 4 February 1998 (1998–02-04) cited in the application the whole document A US 3 714 997 A (AHL N ET AL) 6 February 1973 (1973–02-06) abstract; figure 1A A GB 358 305 A (H.BROSCOMBE ET AL.) 20 July 1931 (1931–07-20) page 3, line 62 - line 80; figure 1 A GB 1 463 958 A (TOKYO SHIBAURA ELECTRIC CO) 9 February 1977 (1977–02-09) page 1, line 36 - line 49; figures 4,5 -/ X Patent family members are listed in annex. **Goodal categories of cited documents: **Goodal categories of cited documents: **Consument defining the general state of the art which is not considered to be of paticitizate relevance to the consistence of the promit of the consistence of the promit of the consistence o			a base and, where practica	al, search terms used)	
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20 July 1931 (1931–07–20) page 3, line 62 – line 80; figure 1 GB 1 463 958 A (TOKYO SHIBAURA ELECTRIC CO) 9 February 1977 (1977–02–09) page 1, line 36 – line 49; figures 4,5 -/ *Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance e's earlier document to published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'See earlier document that published on or after the international filing date or priority date and not not considered to be of particular relevance in the officing date. 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (es specified) 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (es specified) 'C' document infering to an oral disclosure, use, exhibition or other means 'P' document published prior to the International filing date but later than the priority date claimed To document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone which is considered to involve an inventive step when the document is combined with one or more other such documents, such obtained with one or more other such documents, such obtained to in the art. 'A' document member of the same patent family Date of the actual completion of the international search 30 November 2000 Name and mailing address of the ISA European Patent Office, P.B. S818 Patentiaan 2 NL - 2280 HV Rijswijk Tether document tetres are issted in annex. I alter faculty date and not in conflict with the application but the application to relate the international filing date or priority date and not endict with the application or priority date and not	A	6 February 1973 (1973-02-06)			1
CO) 9 February 1977 (1977-02-09) page 1, line 36 - line 49; figures 4,5 -/ X Patent family members are listed in annex. *Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or effer the international filing date or priority date and not in conflict with the application but cited to setablish the publication date of another citation or other special reason (as specified) C' document which so cited to establish the publication date of another citation or other special reason (as specified) C' document referring to an oral disclosure, use, exhibition or other means P document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed 30 November 2000 Name and mailing address of the ISA European Patent Office, P.B. S818 Patentlaan 2 N.I 2280 HV Rijswijk Tel. (431-70) 340-2040, Tx. 31 651 epo nl.	A	20 July 1931 (1931-07-20)			1
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tet (+31-70) 340-2040, Tx. 31 651 epo ni,	A	(1977-02-09 CO) 9 February 1977 (1977-02-09	9)		1
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tet (+31-70) 340-2040, Tx. 31 651 epo ni,			-/		
*A' document defining the general state of the art which is not considered to be of particular relevance *E' earlier document but published on or after the international filing date *L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O' document referring to an oral disclosure, use, exhibition or other means *P' document published prior to the International filing date but later than the priority date claimed *A' document member of the same patent family Date of the actual completion of the international search *A' document member of the same patent family Date of the actual completion of the international search *A' document member of the same patent family Date of mailing address of the ISA *Buropean Patent Office, P.B. 5818 Patentlaan 2 *NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, *A' document defining the priority date and not in conflict with the application but one or more other state invention *Critation or other priority date claimed invention *Cannot be considered novel or carnot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *A' document member of the same patent family Date of mailing of the international search report *A' document member of the same patent family Authorized officer *A' document of particular relevance; the claimed invention carnot be considered novel or carnot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is accument is combined with one or more other such document is accument is combined with one or more other such document is accument of the international file invention or patent of the same of the invention of the invention of the inventio	X Furti	ther documents are listed in the continuation of box C.	X Patent famil	ly members are listed i	in annex.
considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (es specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search November 2000 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni,	1 '		or priority date a	and not in conflict with	the application but
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another charton or other special reason (es specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 30 November 2000 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Tel. (423-70) 340-2040, Tx. 31 651 epo ni,	consider of thing of	dered to be of particular relevance document but published on or after the international date	invention "X" document of partication cannot be considered.	ticular relevance; the ci	daimed invention t be considered to
**P* document published prior to the international filing date but later than the priority date claimed **B* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 1 8, 12 2000 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Ganci P	"L" docume which citation "O" docume	ent which may throw doubts on priority claim(s) or t is cited to establish the publication date of another no or other special reason (es specified) hent referring to an oral disclosure, use, exhibition or	involve an inven "Y" document of participation of cannot be considered to considered t	ntive step when the do ticular relevance; the d idered to involve an im mbined with one or mo	cument is taken alone plaimed invention ventive step when the one other such docu-
30 November 2000 18, 12, 2000 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswrijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Ganci P	'P' docume	rent published prior to the International filing date but	in the art.		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NI. – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Ganci P	1	·			arch report
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Ganci P					
• ·	'-erine RUG	European Patent Offica, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,			

2



International application No. PCT/GB 00/03333

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X	Claims Nos.: 12 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: See FURTHER INFORMATION sheet PCT/ISA/210
з. [Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This In	ternational Searching Authority found multiple inventions in this international application, as follows:
1. [As all required additional search tees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. [No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Rem	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 12

Claim 12 is unacceptable according to PCT Rule 6.2 (a) and PCT article 6

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.



PCT/GB 00/03333

		PCT/GB OC	
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	"INTELLIGENT IN-MOTION WEIGHING OF RAIL CARS" STEEL TIMES - INCORPORATING IRON & STEEL,GB,FUEL & METALLURGICAL JOURNALS LTD. LONDON, vol. 218, no. 10, 1 October 1990 (1990-10-01), page 568 XP000169044 ISSN: 0039-095X the whole document		1

Information on patent tamily members

amational Application No PCT/GB 00/03333

Patent document cited in search report	t	Publication date	Patent family member(s)	Publication date
GB 2315559	Α	04-02-1998	NONE	
US 3714997	A	06-02-1973	SE 357439 B	25-06-1973
			AU 451331 B	01-08-1974
			AU 3327871 A	15-03-1973
			CA 920621 A	06-02-1973
			CH 534344 A	28-02-1973
			DE 2147098 A	23-03-1972
			FI 56280 B	31-08-1979
			FR 2107836 A	12-05-1972
			GB 1368115 A	25-09-1974
			IT 939833 B	10-02-1973
		•	JP 52013102 B	12-04-1977
			NL 7112932 A	23-03-1972
			NO 130374 B	19-08-1974
GB 358305	A		NONE	
GB 1463958	A	09-02-1977	NONE	

PATENT COOPERATION TREATY

PCT

REC'D 3 1 OCT 2001

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference		FOR FURTHER_ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)				
EAL-P/59						
	application No.	International filing date (day/month/year	03/09/1999			
PCT/GB0		31/08/2000	03/09/1999			
International G01G19/0		or national classification and IPC				
Applicant						
• •	ELL ENGINEERING L	TD. et al.				
1. This ir and is	nternational preliminary extransmitted to the application	kamination report has been prepared by ant according to Article 36.	this International Preliminary Examining Authority			
2. This F	REPORT consists of a total	al of 5 sheets, including this cover sheet				
be (s	on amended and are the	e basis for this report and/or sheets conta on 607 of the Administrative Instructions	escription, claims and/or drawings which have aining rectifications made before this Authority under the PCT).			
3. This re	eport contains indications	relating to the following items:				
ı	☑ Basis of the report					
	☐ Priority					
HI.		t of opinion with regard to novelty, inventi	ive step and industrial applicability			
IV	☐ Lack of unity of inv	rention				
V	☑ Reasoned statement ☐ Reasoned statem	ent under Article 35(2) with regard to nove mations suporting such statement	elty, inventive step or industrial applicability;			
VI	☐ Certain document	s cited				
VII		the international application				
VIII	☐ Certain observatio	ns on the international application				
Date of sub	mission of the demand	Date of com	pletion of this report			
02/04/20	01	29.10.2001				
	mailing address of the intern	ational Authorized of	officer Johnson Million			
preliminary	examining authority: European Patent Office D-80298 Munich	Stobbelaa	ar, M			
	Tel. +49 89 2399 - 0 Tx: 5 Fax: +49 89 2399 - 4465	I	No. +49 89 2399 2827			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/03333

I. Basi	s of the	e report
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1.	the and	With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)): Description, pages:						
	1,3	- 9	as originally filed					
	2		as received on	-	06/10/2001	with letter of	04/10/2001	
	Cla	ims, No.:						
	1-1	2	as received on		06/10/2001	with letter of	04/10/2001	
	Dra	wings, sheets:						
	1/3	-3/3	as originally filed					
2.		Vith regard to the language, all the elements marked above were available or furnished to this Authority in the anguage in which the international application was filed, unless otherwise indicated under this item.						
	These elements were available or furnished to this Authority in the following language: , which is:					, which is:		
		the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).						
		the language of publication of the international application (under Rule 48.3(b)).						
		the language of a 55.2 and/or 55.3).	translation furnished for th	e pur	poses of inter	national preliminary	examination (under Rule	
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:				• •			
		contained in the international application in written form.						
		filed together with the international application in computer readable form.						
		furnished subsequently to this Authority in written form.						
		furnished subsequently to this Authority in computer readable form.						
		☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.						
		The statement that listing has been full	t the information recorded mished.	in co	mputer readat	ole form is identical	to the written sequence	
4.	The	amendments have	resulted in the cancellatio	n of:				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/03333

		the description,	pages:		
		the claims,	Nos.:		
		the drawings,	sheets:		
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):			
		(Any replacement st report.)	neet containing such amendments must be referred to under item 1 and annexed to this		
6.	Add	ditional observations,	if necessary:		
111	. Noi	n-establishment of o	pinion with regard to novelty, inventive step and industrial applicability		
1.	. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:				
		the entire internation	al application.		
	×	claims Nos. 12.			
be	caus	se:			
			application, or the said claims Nos. relate to the following subject matter which does ational preliminary examination (<i>specify</i>):		
	×		ns or drawings (indicate particular elements below) or said claims Nos. are so unclear pinion could be formed (specify):		
		the claims, or said clack	aims Nos. are so inadequately supported by the description that no meaningful opinion		
		no international sear	ch report has been established for the said claims Nos		
			I preliminary examination cannot be carried out due to the failure of the nucleotide nce listing to comply with the standard provided for in Annex C of the Administrative		
		the written form has i	not been furnished or does not comply with the standard.		
		the computer readab	le form has not been furnished or does not comply with the standard.		
v.	Rea	soned statement un	der Article 35(2) with regard to novelty, inventive step or industrial applicability;		

citations and explanations supporting such statement



International application No. PCT/GB00/03333

1. Statement

Novelty (N) Yes: Claims 1-11

No: Claims

Inventive step (IS)

Yes: Claims 1-11 -

No: Claims

Industrial applicability (IA) Yes: Claims 1-11

No: Claims

2. Citations and explanations see separate sheet

INTERNATIONAL PRELIMINARY EXAMINATION REPORT - SEPARATE SHEET

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. Claim 12 is only defined by a reference to the description and the drawings.

According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

- The invention relates to an apparatus for indicating the load imposed by an axle or wheel of a rail vehicle. Main characteristic of the apparatus according to claim 1 is that the shoes are clamped by means of two separable stuts each of which extends between the shoes.
 - Compared with the prior art such a construction enhances the rigidity of the apparatus whilst maintaining its portability. In closest prior art document GB-A-2 315 559 (cited on p.1 of the application) central screw jack means are used for clamping the shoes, whereby the shoes are welded (i.e. not mounted separable) to connecting tubes.
 - Therefore the subject-matter of claim 1 meets the requirements of articles 33 (2) and 33 (3) PCT.
- 2. Claims 2-11 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.